

[54] **ATHLETIC SHOE FOR ARTIFICIAL TURF**

[75] Inventor: **William J. Bowerman**, Eugene, Oreg.

[73] Assignee: **BRS, Inc.**, Tigard, Oreg.

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[58] Field of Search. **36/9 R, 59 R, 59 C, 32 R, 36/2.5 R, 2.5 AG**

[56]

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Primary Examiner—Patrick D. Lawson
Attorney, Agent, or Firm—Klarquist, Sparkman, Campbell, Leigh, Hall & Winston

[57]

ABSTRACT

An athletic shoe suitable for use on artificial turf is described including an improved upper of a porous multiple layer construction and an improved sole having integral polygon shaped studs. The upper is preferably made of nylon tricot fabric outer layer, a polyurethane foam middle layer, and a porous synthetic fabric inner layer. This greatly reduces the weight of a football shoe made in accordance with the invention so that it is approximately one-half the weight of a conventional leather football shoe as well as providing great comfort and enabling use in wet weather without damage. The sole has short multi-sided polygon shaped studs of square, rectangular or triangle cross section, having a plurality of flat sides which provide gripping edges that give greatly improved traction.

14 Claims, 6 Drawing Figures

